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Montana Oil and Gas STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XIV, No. 4 — 3 — April, 1966

Production of crude oil and condensate from the oil and gas areas of Montana for the month of April, 1966, averaged 98,983 barrels daily, an increase of 2,808 barrels from the average March production of 96,175.

The nine refineries in state processed 67,823 barrels of crude oil daily for the month of April, 1966, a decrease of 23,673 barrels from the 91,496 barrels processed daily during the month of March, 1966.

During April, 46 wells were completed, 22 oil, 1 gas well and 23 dry holes.

During April, the commission issued 34 permits to drill new wells, a decrease of 5 from 39 permits issued during March.

SUMMARY OF CRUDE OIL PRODUCTION REFINING STORAGE, ETC., IN MONTANA

MONTH OF APRIL, 1966

IN STORAGE APRIL 1st	
By Producers	347,070
By Transporters	1,048,199
By Refiners	675,920
TOTAL STORAGE	2,071,189
Produced in Montana During Month	2,969,498
Imported During Month	1,196,398
TOTALS	6,237,085
DISPOSITION:	
Refined in Montana	2,034,709
Exported	2,014,600
Used for Fuel or Lost	11,564
TOTAL	4,060,873
IN STORAGE APRIL 30th:	
By Producers	352,909
By Transporters	1,049,673
By Refiners	773,630
TOTAL STORAGE	2,176,212

NATURAL GAS WITHDRAWALS IN MONTANA

Month of April, 1966

Field	M. Cu. Ft.
Bears Den	0
Big Coulee	89,738
Bowdoin	172,781
Bowes	54,729
Cabin Creek	98,033
Cedar Creek	200,464
Cut Bank (Including Reagan)	605,026
Devon	0
Dry Creek	144,283
Elk Basin	19,992
Flat Coulee	8,979
Gold Butte	5,396
Golden Dome	0
Grandview	12,860
Hardin	3,420
Keith Block	369,598
Kevin Sunburst	71,069
Lake Basin	107,009
Middle Butte	7,919
Mt. Lilly	25,728
Pine	64,243
Plevna	14,082
Utopia	89,127
Whitlash	158,969
Miscellaneous	77,842
TOTAL	2,401,287

Total withdrawals for April, 1965 were 1,998,040 M Cu. Ft.

PRODUCERS REPORT—MONTH OF APRIL, 1966

Lease	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
2	Ash Creek	5	419	6,819	.....	6,931	.....	307
5	Bannatyne	6	1,727	589	.....	971	.....	1,345
1	Bascom	1	273	74	194	.....	.....	153
5	Bear's Den	6	1,548	1,385	.....	1,418	.....	1,515
1	Belfry	1	295	91	.....	175	.....	211
1	Benrud	1	117	3,355	2,773	.....	.....	699
1	Benrud East	1	1,076	9,174	9,738	.....	.....	512
1	Benrud Northeast	1	587	13,160	12,991	.....	.....	756
8	Big Wall	27	2,549	18,111	18,510	.....	.....	2,150
6	Blackfoot	9	1,823	4,475	2,029	2,141	.....	2,128
1	Blackfoot East	1	727	23	.....	596	.....	154
1	Border	3	.....	2,087	.....	2,087	.....	.....
1	Bowes	51	5,735	15,574	16,820	.....	.....	4,489
2	Bradley	2	776	891	1,200	.....	.....	467
1	Brady	1	72	520	520	.....	.....	72
....	Bynum	....	75	.....	.....	.....	.....	75
2	Cabin Creek	103	6,479	259,718	259,904	.....	.....	6,293
13	Cat Creek	84	2,787	15,578	15,375	.....	.....	2,990
1	Clark's Fork	1	75	233	.....	156	.....	152
1	Conrad South	1	814	185	9	.....	.....	990
1	Cupton	1	1,682	352	.....	624	.....	1,410
186	Cut Bank	1,088	101,264	348,320	336,935	7,768	1,839	103,042
3	Deer Creek	4	1,066	3,819	3,135	.....	.....	1,750
....	Delphia	....	144	.....	.....	.....	.....	144
....	Devil's Basin	....	451	.....	.....	.....	.....	451
1	Dry Creek	1	50	183	.....	183	.....	50
14	Dwyer	15	4,982	30,738	10,747	17,727	.....	7,246
4	Elk Basin	55	1,717	237,799	237,883	.....	.....	1,633
5	Elk Basin Northwest	16	2,790	20,600	20,733	.....	.....	2,657
1	Fairview	1	1,474	13,566	.....	13,349	.....	1,691
3	Fertile Prairie	3	1,012	2,056	.....	1,812	.....	1,256
23	Flat Coulee	29	4,982	22,542	23,192	.....	.....	4,332
25	Flat Lake	38	6,337	92,598	90,941	.....	.....	7,994
2	Frannie	2	.....	1,152	1,152	.....	.....	.....
14	Fred & George Creek	36	2,040	135,448	135,351	.....	.....	2,137
1	Gage	1	607	490	.....	350	.....	747
1	Gage Southwest	1	231	221	.....	183	.....	269
4	Gas City	28	8,577	50,630	42,893	10,348	.....	5,966
9	Glendive	15	4,924	45,889	43,885	2,801	.....	4,127
20	Goose Lake	26	3,384	59,097	58,635	.....	.....	3,846
7	Graben Coulee	18	4,661	13,487	13,109	1,455	133	3,451
....	Grandview	....	112	.....	.....	.....	.....	112
5	Gypsy Basin	7	6,914	3,378	1,092	.....	.....	9,200
1	Hibbard	1	332	440	.....	.....	.....	772
8	Ivanhoe	15	3,630	16,389	17,974	.....	60	1,985
9	Keg Coulee	24	5,546	40,428	38,940	.....	.....	7,034
2	Keg Coulee North	2	792	2,544	2,716	.....	.....	620
120	Kevin Sunburst	638	17,333	37,369	36,521	567	1	17,613
3	Little Beaver	33	2,045	40,133	35,679	341	2,745	3,413
2	Little Beaver East	14	1,823	18,246	18,582	.....	.....	1,487
2	Lodge Grass	2	1,374	1,617	.....	2,026	.....	965
3	Lone Tree	3	758	7,212	.....	6,658	150	1,162
24	Lookout Butte	71	3,820	118,809	118,278	.....	992	3,359
....	Mackay Dome	....	770	.....	.....	.....	.....	770
2	Mason Lake	2	182	2,304	2,130	.....	.....	356
2	Melstone	5	1,282	3,058	3,598	.....	.....	742
1	Mineral Bench	1	720	3,493	3,733	.....	.....	480
2	Miner's Coulee	2	397	4,799	5,047	.....	.....	149
7	Monarch	12	3,229	11,330	11,426	.....	.....	3,133
3	Mosser	3	.....	778	.....	778	.....	.....
7	Outlook	12	6,545	42,989	40,810	.....	.....	8,724
2	Outlook South	2	1,433	2,328	2,307	.....	.....	1,454
68	Pennel	114	3,836	175,903	173,435	.....	.....	6,304
4	Pine	125	14,802	345,821	345,317	.....	554	14,752
4	Pole Creek	6	679	1,674	.....	1,874	.....	479
70	Pondera	314	8,876	29,489	29,056	.....	.....	9,309
1	Pondera Coulee	1	.....	508	508	.....	.....	.....
5	Poplar East	73	11,738	78,608	80,113	.....	.....	10,233
4	Poplar Northwest	5	1,799	1,713	822	.....	.....	2,690
1	Prairie Elk	1	689	1,485	.....	750	.....	1,424
4	Ragged Point	13	1,473	4,108	3,997	.....	.....	1,584
3	Ranch Creek	3	572	3,726	.....	3,330	3	965
2	Reagan	41	2,420	15,985	15,510	.....	.....	2,895
1	Red Creek	27	321	23,474	22,644	871	.....	280
1	Redstone	1	641	949	1,105	.....	.....	485
1	Repeat	1	191	1,735	.....	1,461	.....	465
1	Richey	1	1,884	577	684	.....	.....	1,777
6	Richey Southwest	8	3,656	11,666	.....	12,596	.....	2,726
4	Sand Creek	5	.....	4,714	4,714	.....	.....	.....
1	Shotgun Creek	1	87	754	.....	580	.....	261
2	Sidney-Brorson	2	2,275	5,789	.....	6,109	.....	1,955
2	Snyder	4	2,310	500	.....	500	.....	2,310
5	Soap Creek	9	5,793	3,390	.....	5,089	.....	4,094
2	Spring Lake	3	2,814	4,850	.....	4,686	.....	2,978
2	Stensvad	24	5,895	32,069	32,149	.....	.....	5,815
31	Sumatra	87	9,972	69,761	70,111	.....	.....	9,622
5	Tule Creek	7	2,031	42,183	.....	41,381	.....	2,833
2	Tule Creek East	2	257	31,078	19,031	11,895	.....	409
1	Tule Creek South	1	819	5,549	.....	5,441	.....	927
2	Vida	2	1,013	1,397	.....	1,793	.....	617
4	Volt	6	2,183	25,265	24,611	.....	.....	2,837
7	Weldon	18	3,325	189,361	190,007	.....	.....	2,679
13	Whitlash	37	8,549	23,020	22,825	.....	.....	8,744
2	Whitlash West	2	140	435	435	.....	.....	140
2	Wills Creek South	2	1,268	7,882	8,059	.....	.....	1,091
7	Wolf Springs	12	3,484	27,936	27,565	.....	.....	3,855
3	Woodrow	4	500	4,069	4,169	.....	.....	400
....	Wildcat, Carbon County	....	50	.....	.....	.....	.....	50
....	Wildcat, Glacier County	....	126	.....	.....	.....	.....	126
....	Wildcat, Liberty County	....	305	.....	.....	.....	.....	305
1	Wildcat, Roosevelt County	1	306	651	.....	804	.....	153
1	Wildcat, Sheridan County	1	625	176	.....	576	.....	225
1	Wildcat, Richland County	1	.....	2,575	.....	1,647	.....	928
859	Total	3,497	347,070	2,969,498	2,774,354	182,828	6,477	352,909

Total Oil Produced and Shipped From Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1965	32,778,118	89,803	32,787,648	89,829
January, 1966	2,908,090	93,809	2,863,704	92,377
February, 1966	2,727,627	97,415	2,742,297	97,939
March, 1966	2,981,431	96,175	2,983,394	96,238
April, 1966	2,969,498	98,983	2,957,182	98,572

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December, 1965	331,221	946,634	498,990	1,776,845
January, 1966	268,253	1,035,310	576,373	1,979,936
February, 1966	353,895	1,021,791	610,572	1,986,258
March, 1966	347,070	1,048,199	675,920	2,071,189
April, 1966	352,909	1,049,673	773,630	2,176,212

*Includes Wyoming Oil

TRANSPORTERS MONTHLY REPORT—MONTH OF APRIL, 1966

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			6,931				6,931		
BANNATYNE—Truck			971			971			
BEAR'S DEN—Truck			1,418					1,418	
BELFRY—Truck			175					175	
BIG WALL—Continental Pipeline Co.		18,496				18,496			
BLACKFOOT—									
Union Oil Co.		2,029				2,029			
Camerland Cardinal Corp.			2,737			2,737			
		2,029	2,737			4,766			
BORDER—Truck			2,087					2,087	
BOWES—Texaco Inc.		16,820				16,820			
CABIN CREEK & OTHERS*									
Butte Pipeline Co.	335,627	901,654	38,543	828,643			1,780,515		323,952
Shell Pipeline Co.	4,295	330,169		325	(5,005)			334,674	5,120
	339,922	1,231,823	38,543	828,968	(5,005)		1,780,515	334,674	329,072
CAT CREEK—Continental Pipeline Co.		13,111				13,111			
CLARK'S FORK—Truck			156				156		
CUT BANK—									
Producers Pipe Line Co.	8,865	60,358	2,001					51,194	20,030
Continental Pipeline Co.			8,093	367,240		375,333			
Phillips Petroleum Co.	81,125	64,251		30,802		48,044		42,097	86,037
Texas Pipeline Co.	17,445	57,111		44,168	(75)			89,743	29,056
Union Oil Co.	62,630	80,383		15,924	401	110,310			48,226
Western Oil Trans. Co.	26,667	54,756		124,272	547			171,292	33,856
Western Oil Trans. (Moulton)		98,773			988			97,785	
	196,732	415,632	10,094	582,406	1,861	533,687		452,111	217,205
DRY CREEK—Truck			183			183			
DWYER—Portal Pipeline Co.		10,747					10,747		
Truck			17,727					17,727	
		10,747	17,727				10,747	17,727	
ELK BASIN & ELK BASIN NORTH-WEST—Marathon Pipeline Co.		256,564				256,564			
FAIRVIEW—Rock Island Oil & Ref. Co.			13,349				13,349		
FLAT COULEE—									
Camerland Cardinal Corp.		21,914						21,914	
FLAT LAKE—Portal Pipeline Co.		90,158					90,158		
FRANNIE—Interstate Pipeline Co.		1,152					1,152		
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	23,862	139,543						143,553	19,852
GAGE & GAGE S.W.—Truck			533			533			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	12,818	43,557			(38)			49,477	6,936
GOOSE LAKE—Portal Pipeline Co.		58,343					58,343		
IVANHOE—Continental Pipeline Co.		17,967				17,967			
KEG COULEE & KEG COULEE NORTH—Continental Pipeline Co.		24,462				24,462			
KEVIN SUNBURST—									
Big West Oil Co.	5,312	36,521				36,521			5,312
Homestake Oil & Gas Co.	3,059	3,471		19,255		23,377		1,569	839
Producers Pipe Line Co.			567					567	
Texas Pipeline Co.	8,638	13,207			(72)			13,843	8,074
	17,009	53,199	567	19,255	(72)	59,898		15,979	14,225
LODGE GRASS—McWood Corp.			2,026			2,026			
LONE TREE—Truck			6,658				6,658		
MASON LAKE—Continental Pipeline Co.		2,130				2,130			
MELSTONE—Continental Pipeline Co.		3,859				3,859			
MOSSER—Truck			778					778	
POLE CREEK—Truck			1,874				1,874		
PONDERA—Phillips Petr. Co.	13,148	29,249		42,097	79	32,546			51,869
POPLAR, BENRUD, BENRUD EAST, OUTLOOK, OUTLOOK SOUTH, REDSTONE, RICHEY, TULE CREEK, TULE CREEK SOUTH & VOLT—									
East Poplar Gathering System	12,020	245,265			324			240,202†	16,759
RAGGED POINT—									
Continental Pipeline Co.		3,275				3,275			
RANCH CREEK—									
Rock Island Oil & Ref. Co.			3,330				3,330		
RED CREEK—									
Western Oil Transportation Co.		23,515			236			23,279	
SHOTGUN CREEK—Truck			580				580		
SIDNEY-BRORSON—McWood Corp.	2,650		6,109	6,032				6,558	8,233
SNYDER—Truck			500			500			
SOAP CREEK—McWood Corp.	26		5,089	1,622				5,980	757
SPRING LAKE—									
Rock Island Oil & Ref. Co.			4,686				4,686		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	430,012	101,498		447,952	6,690	84,292		510,828	377,652
TULE CREEK—Tesoro Petr. Corp.			53,276			46,163			7,113
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		21,273				18,055		3,218	
WOLF SPRINGS—									
Continental Pipeline Co.		27,664				27,664			
WILDCAT WELLS—Truck			2,451				2,451		
TOTALS	1,048,199	2,873,245	182,828	1,928,332	4,075	1,167,968	1,980,930	1,829,958	1,049,673

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest, Weldon and Wills Creek South.

†Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF APRIL, 1966

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Tesoro Petr. Corp.	Union Oil Co.	Total
Big Wall				18,496						18,496
Bowes			19,828							19,828
Cat Creek		9,194				3,917				13,111
Cut Bank	40,000								48,218	88,218
Delphia						82				82
Dry Creek						15				15
Elk Basin		97,591		63,920	95,053					256,564
Gage & Gage S.W.						658				658
Hibbard						451				451
Ivanhoe		17,967								17,967
Keg Coulee				24,462						24,462
Kevin Sunburst									58,364	58,364
Lodge Grass		2,026								2,026
Mason Lake		2,130								2,130
Melstone				3,859						3,859
Pondera							79,651			79,651
Ragged Point		3,275								3,275
Red Creek					51,731					51,731
Richey Southwest						83				83
Sand Creek						1,917				1,917
Snyder		500								500
Sumatra & Stensvad		16,608		67,684	15,413					99,705
Tule Creek								52,532		52,532
Whitlash	18,055									18,055
Wolf Springs					24,631					24,631
Total Montana Oil	58,055	149,291	19,828	178,421	186,828	7,123	79,651	52,532	106,582	838,311
Canadian Oil Imported		338,454							1,534	339,988
Wyoming Oil Imported		375,439		333,605	147,366					856,410
Total Montana, Canadian and Wyoming Oil	58,055	863,184	19,828	512,026	334,194	7,123	79,651	52,532	108,116	2,034,709

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1965	32,792	12,751	44,980	90,523
April, 1965	39,046	10,634	20,477	70,157
April, 1966	27,943	11,333	28,547	67,823

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1965	36.22%	14.10%	49.68%
April, 1965	55.65%	15.17%	29.18%
April, 1966	41.20%	16.71%	42.09%